

**I CLAIM:**

*SUB 61*

1. A method for disposing of a rocket motor having a propellant contained therein and having an exhaust, and comprising the steps of:  
burning said propellant and concomitantly generating an enclosure of liquid within which the burning occurs.

*SUB 33*

2. A method according to claim 1, wherein the liquid includes at least one neutralising chemical for neutralising at least some noxious substances resulting from the burning or for capturing hazardous materials, or both.

*SUB 63*

3. A method according to claim 1, wherein said rocket contains a venturi mechanism, and wherein said venturi mechanism is removed prior to the burning step.

4. A method according to claim 2, wherein said rocket contains a venturi mechanism, and wherein said venturi mechanism is removed prior to the burning step.

5. A method according to claim 1, wherein the motor is secured in a substantially vertical position, with its exhaust end facing generally upwards, during the burning step.

*SUB 67*

6. A method according to claim 2, wherein the motor is secured in a substantially vertical position, with its exhaust end facing generally upwards, during the burning step.

Sub 34  
7. A method according to claim 3, wherein the motor is secured in a substantially vertical position, with its exhaust end facing generally upwards, during the burning step.

8. A method according to claim 1, comprising further steps of filtering liquid from said enclosure and recycling the filtered liquid.

9. A method according to claim 2, comprising further steps of filtering liquid from said enclosure and recycling the filtered liquid.

10. 'Apparatus for disposing of a rocket motor having a propellant therein, comprising:

a structure for supporting the rocket motor positioned for burning the propellant therein, and a liquid supply structure for generating an enclosure of liquid within which said propellant can be burnt.

11. Apparatus according to claim 10, wherein the liquid supply structure comprises a nozzle having an outlet in the form of a closed figure.

12. Apparatus according to claim 10, wherein the securing means and the liquid are integral parts of the same unit.

13. Apparatus according to claim 10 including a pump for conveying liquid to the liquid supply structure.

14. Apparatus according to claim 11, including a pump for conveying liquid to the liquid supply structure.

15. Apparatus according to claim 10, including filtering means for filtering liquid from said liquid supply structure.

16. Apparatus according to claim 11, including filtering means for filtering liquid from said liquid supply structure.

17. Apparatus according to claim 10, including a submersible pump for returning liquid from the liquid supply structure to a reservoir from which it may once again be conveyed to the enclosure generating means.

18. Apparatus according to claim 11, including a submersible pump for returning liquid from the liquid supply structure to a reservoir from which it may once again be conveyed to the enclosure generating means

19. Apparatus according to claim 10, including a deflecting device for directing an exhaust plume and aerosolised liquid to a non-damaging location.

20. Apparatus according to claim 11, including a deflecting device for directing an exhaust plume and aerosolised liquid to a non-damaging location.

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